

**ISHA KASHIF**

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### Education

**University of Delaware** - Newark, DE

**Bachelor of Science in Computer Science**

**Expected Graduation:** May 2027

**GPA:** 3.6

### Skills

**Languages & Tools:** Python, JavaScript, SQL, Bash

**AI & Machine Learning:** OpenAI API, Stable Diffusion, Hugging Face, TensorFlow (basic), PyTorch (basic), LangChain

**Data & Analysis:** Pandas, NumPy, Matplotlib, Scikit-learn, Jupyter Notebooks

**Frontend/Backend:** HTML, CSS, React (basic), Flask (basic), Gradio

**Development Practices:** Git, Agile methodology, API integration, modular system design

**LLM Integration:** Prompt engineering, CFG tuning, multimodal generation, model scheduling

**Soft Skills:** Technical communication, research-driven mindset, team collaboration, self-directed learning

### Professional Experience

#### Software Engineering & Data Intern

NSK TECH INC – March 2023 to December 2024

- Collaborated with engineers to develop backend systems for integrating OpenAI GPT models and automating text/image generation pipelines using Python.
- Designed and tested prompt workflows using AI APIs; tuned configurations for improved performance and reliability across automated generation tasks.
- Built internal tools with Gradio and Flask, allowing non-technical users to access model outputs; contributed to the stability and performance optimization of these services.
- Participated in weekly agile sprints, debugging sessions, and version-controlled development using Git and GitHub.
- Applied strong problem-solving skills in a fast-paced, remote team to deliver modular, testable code aligned with broader platform goals.

#### Computing Programming Undergraduate Squad Educational Enhancement Head

University Of Delaware, – October 2023 to Present

- Collaborate with a dynamic team to ideate, curate, and finalize changes to the University of Delaware Computer and Information Sciences website, providing valuable information and updates to the undergraduate Computer Science student community, and increasing engagement by 20%.
- Lead the 'Educational Enhancement' team to develop and execute inclusive and engaging events for 50+ students, creating an inclusive environment.
- Proactively contribute ideas and solutions to enhance the overall group's initiatives, fostering a collaborative and innovative environment.
- Participate in regular team meetings to discuss upcoming projects, share insights, and ensure alignment with the squad's objectives.
- Utilize effective communication skills to coordinate tasks and deadlines, ensuring timely delivery of newsletters and successful execution of events.

## Projects

### **Task Management System (Typescript)**

- Created a to-do list application using Typescript that focused on priority-based organization
- Integrated a MySQL database in order to handle data storage
- Utilized a clean interface and dynamic features in order to enhance user experience and streamline task management

### **University of Delaware's MADRASA Website (Java) - [www.udmadrassa.org](http://www.udmadrassa.org)**

- Helped develop a website for MADRASA (Muslim Association for Development in Religious Academia and Scholastic Achievement), an Islamic educational foundation at the University of Delaware
- Implemented Java-based functionality in order to promote interactive and user-friendly features
- Collaborated with a partner to ensure the site's meeting of organizational goals and deliver an ideal user-experience

### **Career Helper Website (Typescript) - [careerhelpi](http://careerhelpi)**

- Collaborated with a team of 3 to design and develop a career exploration website to help users identify potential career paths based on their interests and responses.
- Implemented core functionality using React, TypeScript, and Bootstrap, including multi-page forms, a progress bar, and OpenAI API integration for career report generation.
- Focused on state management, user experience, and component-based design, while practicing Agile methodologies like weekly sprints and Git-based version control.

- Deployed and tested the site with mock users to gather feedback and iterate on usability improvements.

### Student Leadership and Activities

#### **ACM-W Secretary** – August 2024 to Present

- Draft and send professional email communications to members regarding upcoming events, meetings, and initiatives.  
Contribute to the planning and execution of events that support and uplift women in computing, such as speaker panels and socials.
- Support event logistics including set-up, sign-in, and communicating with guest speakers or participants.

#### **Glitch and Glam Creative Head** - February 2025 - Present

- Designed and curated engaging social media content to promote magazine issues, events, and creative initiatives.
- Collaborated with team members to brainstorm and develop visual themes and aesthetic concepts for each magazine issue.
- Contributed to maintaining a consistent brand voice across digital platforms and print media.

### Awards and Achievements

- **Dean's List** - Fall 2023 and Spring 2025
- **AP Scholar Award** - May 2022
- **6 Honor Roll Awards**
- **5 Principal's List Awards**